



FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1689.0320001APPLICATION NO.
10/693,687FIRST NAMED INVENTOR
Kevin J. POWELLFILING DATE
October 27, 2003ART UNIT
2876

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1						
	AB1						
	AC1						
	AD1						
	AE1						
AK	AF1	3,689,885	09/1972	Kaplan <i>et al.</i>			
	AG1	4,225,953	09/1980	Simon <i>et al.</i>			
	AH1	4,418,411	11/1983	Strietzel			
	AI1	4,471,345	09/1984	Barrett, Jr.			
	AJ1	4,495,496	01/1985	Miller, III			
AK	AK1	4,533,871	08/1985	Boetzkes			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AK	AL1	0 494 114 A2	07/08/1992	EP			Yes No
	AM1	0 585 132 A1	03/02/1994	EP			Yes No
	AN1	0 598 624 A1	05/25/1994	EP			Yes No
	AO1	0 615 285 A2	09/14/1994	EP			Yes No
AK	AP1	0 496 986 A2	08/1992	EP			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	1	
	AS	1	
	AT	1	

EXAMINER

A. Kim

DATE CONSIDERED

12-12-05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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AK	AA2	4,598,275	07/1986	Ross <i>et al.</i>			
	AB2	4,636,950	01/1987	Anders <i>et al.</i>			
	AC2	4,656,463	04/1987	Anders <i>et al.</i>			
	AD2	4,862,160	08/1989	Ekchian <i>et al.</i>			
	AE2	5,124,699	06/1992	Tervoert <i>et al.</i>			
	AF2	5,214,409	05/1993	Beigel			
	AG2	5,266,925	11/1993	Vercellotti <i>et al.</i>			
	AH2	5,313,052	05/1994	Watanabe <i>et al.</i>			
	AI2	5,365,551	11/1994	Snodgrass <i>et al.</i>			
	AJ2	5,390,360	02/1995	Scop <i>et al.</i>			
AK	AK2	5,410,315	04/1995	Huber			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AK	AL2	0 578 457 A2	01/1994	EP			Yes No
	AM2						Yes No
	AN2						Yes No
	AO2						Yes No
	AP2						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>2</u>	
	AS	<u>2</u>	
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AK	AA3	5,420,577	05/1995	Kim <i>et al.</i>			
	AB3	5,430,441	07/1995	Bickley <i>et al.</i>			
	AC3	5,434,572	07/1995	Smith			
	AD3	5,444,223	08/1995	Blama			
	AE3	5,446,447	08/1995	Carney <i>et al.</i>			
	AF3	5,478,991	12/1995	Watanabe <i>et al.</i>			
	AG3	5,489,908	02/1996	Orthmann <i>et al.</i>			
	AH3	5,499,017	03/1996	Beigel			
	AI3	5,500,650	03/1996	Snodgrass <i>et al.</i>			
	AJ3	5,519,381	05/1996	Marsh <i>et al.</i>			
AK	AK3	5,528,222	06/1996	Moskowitz <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL3						Yes No
	AM3						Yes No
	AN3						Yes No
	AO3						Yes No
	AP3						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>3</u>	
	AS	<u>3</u>	
	AT	<u>3</u>	

EXAMINER

Ahshik Kim

DATE CONSIDERED

12-2-05

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AK	AA4	5,537,105	07/1996	Marsh <i>et al.</i>			
	AB4	5,539,394	07/1996	Cato <i>et al.</i>			
	AC4	5,541,928	07/1996	Kobayashi <i>et al.</i>			
	AD4	5,550,547	08/1996	Chan <i>et al.</i>			
	AE4	5,557,280	09/1996	Marsh <i>et al.</i>			
	AF4	5,566,441	10/1996	Marsh <i>et al.</i>			
	AG4	5,576,692	11/1996	Tompkins <i>et al.</i>			
	AH4	5,597,951	01/1997	Doty			
	AI4	5,627,517	05/1997	Theimer <i>et al.</i>			
	AJ4	5,627,544	05/1997	Snodgrass <i>et al.</i>			
AK	AK4	5,640,151	06/1997	Reis <i>et al.</i>			

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	AL4						Yes No
	AM4						Yes No
	AN4						Yes No
	AO4						Yes No
	AP4						Yes No

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	AR	4	
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EXAMINER A. Kim	DATE CONSIDERED 12-12-05
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AK	AA5	5,646,607	07/1997	Shurman <i>et al.</i>			
	AB5	5,648,765	07/1997	Cresap <i>et al.</i>			
	AC5	5,648,767	07/1997	O'Connor <i>et al.</i>			
	AD5	5,673,037	09/1997	Cesar <i>et al.</i>			
	AE5	5,680,459	10/1997	Hook <i>et al.</i>			
	AF5	5,686,888	11/1997	Welles, II <i>et al.</i>			
	AG5	5,686,902	11/1997	Reis <i>et al.</i>			
	AH5	5,689,239	11/1997	Turner <i>et al.</i>			
	AI5	3,520,406	07/1970	Turner			
	AJ5	4,931,788	06/1990	Creswick			
AK	AK5	5,245,534	09/1993	Waterhouse <i>et al.</i>			

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	AL5						Yes No
	AM5						Yes No
	AN5						Yes No
	AO5						Yes No
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AK	AA6	5,289,372	02/1994	Guthrie <i>et al.</i>			
	AB6	5,434,775	07/1995	Sims <i>et al.</i>			
	AC6	5,528,232	06/1996	Verma <i>et al.</i>			
	AD6	5,583,850	12/1996	Snodgrass <i>et al.</i>			
	AE6	5,774,876	06/1998	Woolley <i>et al.</i>			
	AF6	5,798,693	08/1998	Engellenner			
	AG6	5,515,053	05/1996	Hecht <i>et al.</i>			
	AH6	5,539,775	07/1996	Tuttle <i>et al.</i>			
AK	AI6	5,591,951	01/1997	Doty			
	AJ6						
	AK6						

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	AL6						Yes No
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	AN6						Yes No
	AO6						Yes No
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